

Internship Program Report

On,

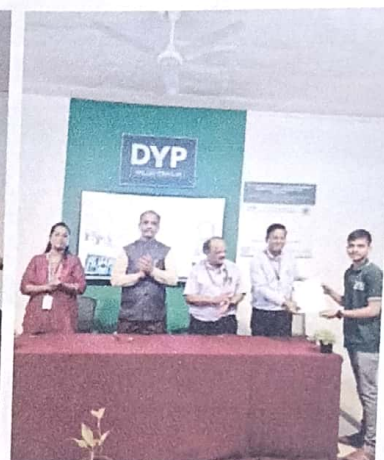
Design and Development of Single Board Computer

Structure
Nature: In-house Internship in Collaboration with Go-Green Technologies Pvt Ltd Mumbai. (Offline)
Duration : 23 Dec 2024 to 18 Jan 2025
Venue: IoT Club DYPSN
Organizing department: Electrical Engineering
Target : UG students (Any Branch)
Objective
1. To create interest among students to learn Embedded System Design which covers wide range of applications such as IoT, Robotics, PLC-Scada, Industrial Automation, Physical system and so many others. 2. To uplift their profile in the embedded system domain 3. To make student to do mini & major projects by themselves and can use the knowledge for startups, entrepreneurship, placements etc.
Resource Persons
Faculty: Dr. Uttam S Satpute , Professor, EE Dept Dr. Y S Rao, CEO Go Green Technologies Mumbai IoT Club Members: Salamathussain Momin Omkar Chodnakar Akhilesh More Mahendra Kambar
Content Plan
Day 1: 23rd Dec INTRODUCTION TO IOT 1. INTRODUCTION TO INTERNSHIP AND INFORMATION ABOUT INTERNSHIP HOW WE WILL CONDUCT IT.

Photographs



Dr. Y S Rao delivering lecture online



Project exhibition and certification distribution was held on 18 Feb 2025.

Event Coordinator
(Dr. Uttam Satpute)

HoD
(Dr. Vidya N A)

Principal
(Dr. Suresh D Mane)

Annexure

A. Flyer

DYP DR. D. Y. PATIL PRATISHTHAN
COLLEGE OF ENGINEERING
SALOKHENAGAR, KOLHAPUR

IOT CODING CLUB OF DYPSN

IN COLLABORATION WITH GO-GREEN
TECHNOLOGIES PVT. LTD. MUMBAI

PRESENTS

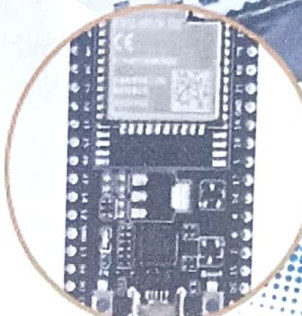
Internship Program

on

Design & Development of Single Board Computer (SBC)

(Date: 23rd Dec. 2024 to 19 Jan 2025
Time 10.00am to 4.00pm)

- 1 IN HOUSE INTERNSHIP
- 2 GRADE INTERNSHIP
CERTIFICATE
- 3 ZERO FEES



ESP32 MICROCONTROLLER
Introduction to ESP32
microcontroller, mathematical
processing, interfacing with
sensors, actuators, IoT based
programs etc.



**DESIGN & DEVELOPMENT
OF SBC**
Design of development of SBC
as mini project as part of
CA/Stone project



**EVALUATION AND
GRADING**
Expert lecture from industry (Go-
Green Technologies), evaluation
and issue of grade certificate.

Registration link: <https://forms.gle/Y3DjkaN1bYmttlp6>

